BRUHAT BANGALORE MAHANAGARA PALIKE

Project: Comprehensive Development for Roads and drains in Ward No. 9, 10 and 11 under Nagarothana Grants of 2016-17 Phase-2, Vidyaranyapura Sub-Division, Yelahanka zone, Byatarayanapura Division.

Sl No.	List of Roads
1	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division
2	Improvements to Roads and Draind at Lakeshore Garden, Hanuman Layout, Munishwamppa Layout and Surrounding Areas in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division
3	Improvements to Roads and Drains at Raghuvendra Mata Area in Ward No 10Doddabommasandra, Vidyaranayapura Sub Divison.
4	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.
5	Construction of Bangalore One Centre Buliding at Doddabommasandra in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.
6	Providing Sodium Vapour Lights with neccesary electrical fittings & timers in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.
7	Improvements to Roads and Drains from Defence Layout Graveyard Junction connecting to MS Palya Village Road via Pillai House at Balaji Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.
8	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.
9	Improvements to Balance Roads, Drains and Cluverts at MS Palya in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.
10	Improvements to Balance Roads, Drains and Cluverts at Ramachnadrapura Area (Doddachannapppa Layout, Muniramiah Colony Velankani Road and Muneshwara block) in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.
11	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.
12	Improvements to Balance Roads, Drains and Cluverts at Balaji Layout, Srinidhi Layout, Kamath Layout and surrounding areas in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.
13	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.
14	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.
15	Construction of Bangalore One Centre Buliding at Singapura, Near Ward office and Ramachandrapura opp.Srinivas office in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.
16	Providing Sodium Vapour Lights with neccesary electrical fittings & timers in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.

Abstract Estimate

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.

Tejus Consultants

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
1	**KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)**	Cum	**3386.10**	193.32	**654600.85**
b	Improvements to Roads and Draind at Lakeshore Garden, Hanuman Layout, Munishwamppa Layout and Surrounding Areas in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		312.00		
c	Improvements to Roads and Drains at Raghuvendra Mata Area in Ward No 10Doddabommasandra, Vidyaranayapura Sub Divison.		682.50		
g	Improvements to Roads and Drains from Defence Layout Graveyard Junction connecting to MS Palya Village Road via Pillai House at Balaji Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		310.50		
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		222.75		
i	Improvements to Balance Roads, Drains and Cluverts at MS Palya in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		427.95		
j	Improvements to Balance Roads, Drains and Cluverts at Ramachnadrapura Area (Doddachannapppa Layout, Muniramiah Colony Velankani Road and Muneshwara block) in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		420.75		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		323.40		
l	Improvements to Balance Roads, Drains and Cluverts at Balaji Layout, Srinidhi Layout, Kamath Layout and surrounding areas in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		472.50		
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		213.75		
2	**KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 (P.No.5, I.No.2.1 of PW, P&IWTD SR 2016-17)**	Cum	**945.00**	272.82	**257814.90**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		945.00		
3	**Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)**	Sqm	**4590.00**	80.56	**369770.40**
b	Improvements to Roads and Draind at Lakeshore Garden, Hanuman Layout, Munishwamppa Layout and Surrounding Areas in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		418.50		
c	Improvements to Roads and Drains at Raghuvendra Mata Area in Ward No 10Doddabommasandra, Vidyaranayapura Sub Divison.		1215.00		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
g	Improvements to Roads and Drains from Defence Layout Graveyard Junction connecting to MS Palya Village Road via Pillai House at Balaji Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		391.50		
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		324.00		
i	Improvements to Balance Roads, Drains and Cluverts at MS Palya in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		594.00		
j	Improvements to Balance Roads, Drains and Cluverts at Ramachnadrapura Area (Doddachannapppa Layout, Muniramiah Colony Velankani Road and Muneshwara block) in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		553.50		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		297.00		
l	Improvements to Balance Roads, Drains and Cluverts at Balaji Layout, Srinidhi Layout, Kamath Layout and surrounding areas in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		796.50		
4	**Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)**	Sqm	**540.00**	665.68	**359467.20**
c	Improvements to Roads and Drains at Raghuvendra Mata Area in Ward No 10Doddabommasandra, Vidyaranayapura Sub Divison.		418.50		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		121.50		
5	**KSRRB M200-13.1. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. Cement concrete Grade M-15 & M-20 (P.No.137, I.No.18.20 of PW,P&IWTD SR 2016-17)**	Cum	**129.45**	**472.70**	**61191.02**
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		90.45		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		39.00		
6	**KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)**	Cum	**149.45**	**5348.76**	**799345.44**

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		94.32		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		19.50		
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		35.63		
7	**KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.No.143, I.No.5.6 of PW.P&IWTD S.R 2016-17)**	Cum	**84.38**	**4438.22**	**374474.81**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		84.38		
8	**KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.No.158, I.No.5.9 of PW.P&IWTD SR 2016-17)**	Cum	**48.80**	**5305.30**	**258911.90**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		48.80		
9	**KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.161, I.No.15.3 of PW.P&IWTD SR 2016-17)**	Sqm	**216.90**	**103.88**	**22531.57**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		216.90		
10	**KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2016-17)**	Cum	**10.85**	**5767.46**	**62548.10**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		10.85		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
11	**Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (P.No.262 I.No.37.2 of PW,P&IWTD SR of 2016-17)**	m	**277.20**	**868.14**	**240648.41**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		277.20		
12	**Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (P.No.262 of I.No.37.3 in PW,P&IWTD S.R 2016-17)**	Sqm	**361.50**	**698.54**	**252522.21**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		361.50		
13	**Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. (P.No.262 I.No.37.4 of PW,P&IWTD SR of 2016-17)**	m	**482.00**	**343.44**	**165538.08**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		482.00		
14	**KSRRB M300-52.2. Scarifying Existing Bituminous surface to a depth of 50mm by Mechanical Means. Scarifying the existing bituminous road surface to a depth of 50mm and disposal of scarified material and complete as per specifications. MORTH Specification No. 305.4.3 (P.No.148, I.No.19.59 of PW,P&IWTD S.R 2016-17)**	Sqm	**3618.50**	7.97	**28839.45**
b	Improvements to Roads and Draind at Lakeshore Garden, Hanuman Layout, Munishwamppa Layout and Surrounding Areas in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		1025.00		
g	Improvements to Roads and Drains from Defence Layout Graveyard Junction connecting to MS Palya Village Road via Pillai House at Balaji Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1195.50		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1398.00		
15	**KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)**	Cum	**2092.33**	155.16	**324645.15**
b	Improvements to Roads and Draind at Lakeshore Garden, Hanuman Layout, Munishwamppa Layout and Surrounding Areas in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		51.38		
c	Improvements to Roads and Drains at Raghuvendra Mata Area in Ward No 10Doddabommasandra, Vidyaranayapura Sub Divison.		262.58		
g	Improvements to Roads and Drains from Defence Layout Graveyard Junction connecting to MS Palya Village Road via Pillai House at Balaji Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		47.38		
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		110.15		
i	Improvements to Balance Roads, Drains and Cluverts at MS Palya in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		897.95		
j	Improvements to Balance Roads, Drains and Cluverts at Ramachnadrapura Area (Doddachannapppa Layout, Muniramiah Colony Velankani Road and Muneshwara block) in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		437.95		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		216.00		
l	Improvements to Balance Roads, Drains and Cluverts at Balaji Layout, Srinidhi Layout, Kamath Layout and surrounding areas in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		68.95		
16	**KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)**	Cum	**2881.66**	**1768.08**	**5094998.34**
b	Improvements to Roads and Draind at Lakeshore Garden, Hanuman Layout, Munishwamppa Layout and Surrounding Areas in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		307.63		
c	Improvements to Roads and Drains at Raghuvendra Mata Area in Ward No 10Doddabommasandra, Vidyaranayapura Sub Divison.		241.57		
g	Improvements to Roads and Drains from Defence Layout Graveyard Junction connecting to MS Palya Village Road via Pillai House at Balaji Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		343.42		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		101.34		
i	Improvements to Balance Roads, Drains and Cluverts at MS Palya in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		855.22		
j	Improvements to Balance Roads, Drains and Cluverts at Ramachnadrapura Area (Doddachannapppa Layout, Muniramiah Colony Velankani Road and Muneshwara block) in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		434.99		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		528.54		
l	Improvements to Balance Roads, Drains and Cluverts at Balaji Layout, Srinidhi Layout, Kamath Layout and surrounding areas in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		68.95		
17	**KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg\sqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)**	Sqm	**11862.00**	**29.68**	**352064.16**
b	Improvements to Roads and Draind at Lakeshore Garden, Hanuman Layout, Munishwamppa Layout and Surrounding Areas in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		1230.50		
c	Improvements to Roads and Drains at Raghuvendra Mata Area in Ward No 10Doddabommasandra, Vidyaranayapura Sub Divison.		1050.30		
g	Improvements to Roads and Drains from Defence Layout Graveyard Junction connecting to MS Palya Village Road via Pillai House at Balaji Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1385.00		
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		440.60		
i	Improvements to Balance Roads, Drains and Cluverts at MS Palya in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		3430.00		
j	Improvements to Balance Roads, Drains and Cluverts at Ramachnadrapura Area (Doddachannapppa Layout, Muniramiah Colony Velankani Road and Muneshwara block) in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1751.80		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		2298.00		
l	Improvements to Balance Roads, Drains and Cluverts at Balaji Layout, Srinidhi Layout, Kamath Layout and surrounding areas in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		275.80		
18	**KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)**	Sqm	**44061.50**	**3.18**	**140115.57**

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
b	Improvements to Roads and Draind at Lakeshore Garden, Hanuman Layout, Munishwamppa Layout and Surrounding Areas in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		3969.50		
c	Improvements to Roads and Drains at Raghuvendra Mata Area in Ward No 10Doddabommasandra, Vidyaranayapura Sub Divison.		9914.70		
g	Improvements to Roads and Drains from Defence Layout Graveyard Junction connecting to MS Palya Village Road via Pillai House at Balaji Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		4806.00		
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		3453.90		
i	Improvements to Balance Roads, Drains and Cluverts at MS Palya in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		4844.00		
j	Improvements to Balance Roads, Drains and Cluverts at Ramachnadrapura Area (Doddachannapppa Layout, Muniramiah Colony Velankani Road and Muneshwara block) in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		6491.20		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		3391.00		
l	Improvements to Balance Roads, Drains and Cluverts at Balaji Layout, Srinidhi Layout, Kamath Layout and surrounding areas in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		7191.20		
19	**KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)**	Sqm	**55923.50**	**12.72**	**711346.92**
b	Improvements to Roads and Draind at Lakeshore Garden, Hanuman Layout, Munishwamppa Layout and Surrounding Areas in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		5200.00		
c	Improvements to Roads and Drains at Raghuvendra Mata Area in Ward No 10Doddabommasandra, Vidyaranayapura Sub Divison.		10965.00		
g	Improvements to Roads and Drains from Defence Layout Graveyard Junction connecting to MS Palya Village Road via Pillai House at Balaji Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		6191.00		
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		3894.50		
i	Improvements to Balance Roads, Drains and Cluverts at MS Palya in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		8274.00		
j	Improvements to Balance Roads, Drains and Cluverts at Ramachnadrapura Area (Doddachannapppa Layout, Muniramiah Colony Velankani Road and Muneshwara block) in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		8243.00		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		5689.00		
l	Improvements to Balance Roads, Drains and Cluverts at Balaji Layout, Srinidhi Layout, Kamath Layout and surrounding areas in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		7467.00		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
20	**KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)**	Cum	**2227.28**	**8013.60**	**17848490.94**
b	Improvements to Roads and Draind at Lakeshore Garden, Hanuman Layout, Munishwamppa Layout and Surrounding Areas in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		208.00		
c	Improvements to Roads and Drains at Raghuvendra Mata Area in Ward No 10Doddabommasandra, Vidyaranayapura Sub Divison.		428.94		
g	Improvements to Roads and Drains from Defence Layout Graveyard Junction connecting to MS Palya Village Road via Pillai House at Balaji Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		247.64		
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		155.78		
i	Improvements to Balance Roads, Drains and Cluverts at MS Palya in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		330.96		
j	Improvements to Balance Roads, Drains and Cluverts at Ramachnadrapura Area (Doddachannapppa Layout, Muniramiah Colony Velankani Road and Muneshwara block) in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		329.72		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		227.56		
l	Improvements to Balance Roads, Drains and Cluverts at Balaji Layout, Srinidhi Layout, Kamath Layout and surrounding areas in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		298.68		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
21	**Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) ((P.No.177.**	Cum	**115.80**	**6217.96**	**720039.77**
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		102.80		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		13.00		
22	**Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.177, I.No.22.7 of PW, P&IWTD SR 2016-17)**	Sqm	**1158.00**	**95.40**	**110473.20**
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1028.00		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		130.00		
23	**Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (P.No.25, I.No.5.30 of PW,P&IWTD S.R 2016-17)**	No.	**644.00**	331.78	**213666.32**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		644.00		
24	**KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No.182, I.No. 24.1 of PW.P&IWTD SR 2016-17)**	Sqm	**101.50**	63.60	**6455.40**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		101.50		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
25	**KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 (P.No158 of I.No.20.20 in PW,P&IWTD SR 2016-17)**	Cum	**58.00**	208.82	**12111.56**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		58.00		
26	**KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. (P.No. 101, I.No. 14.6 of CSR 2016-17)**	Sqm	**290.00**	966.72	**280348.80**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		290.00		
27	**Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. (P. No. 42 / I. No. 7.37 of CSR 2016-17)**	Sqm	**22.50**	3110.04	**69975.90**
m	Improvements to Ramachandrapura Park in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		22.50		
28	**KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)**	Sqm	**544.25**	542.72	**295375.36**

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
b	Improvements to Roads and Draind at Lakeshore Garden, Hanuman Layout, Munishwamppa Layout and Surrounding Areas in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		52.00		
c	Improvements to Roads and Drains at Raghuvendra Mata Area in Ward No 10Doddabommasandra, Vidyaranayapura Sub Divison.		110.00		
g	Improvements to Roads and Drains from Defence Layout Graveyard Junction connecting to MS Palya Village Road via Pillai House at Balaji Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		57.50		
h	Improvements to Balance Roads, Drains and Cluverts at Singapura Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		38.75		
i	Improvements to Balance Roads, Drains and Cluverts at MS Palya in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		87.75		
j	Improvements to Balance Roads, Drains and Cluverts at Ramachnadrapura Area (Doddachannapppa Layout, Muniramiah Colony Velankani Road and Muneshwara block) in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		73.75		
k	Improvements to Balance Roads, Drains and Cluverts at Bharathanagar, Maruthi Layout and Sommanna Layout in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		46.50		
l	Improvements to Balance Roads, Drains and Cluverts at Balaji Layout, Srinidhi Layout, Kamath Layout and surrounding areas in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		78.00		
29	**Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.48, I. 9.4) PRED.SR 2012-13**	Each BW	**6.00**	1882.00	**11292.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
30	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 - 0 to 50m**	Rmtr	**300.00**	306.00	**91800.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		200.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		50.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		50.00		
31	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 - 50 to 100m**	Rmtr	**300.00**	400.00	**120000.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		200.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		50.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		50.00		
32	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 - 100 to 150m**	Rmtr	**300.00**	445.00	**133500.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		200.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		50.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		50.00		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
33	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 - 150 to 200m**	Rmtr	**300.00**	470.00	**141000.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		200.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		50.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		50.00		
34	**Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 - 200 to 250m**	Rmtr	**300.00**	544.00	**163200.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		200.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		50.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		50.00		
35	**Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty P. iii, I No. 84 PRED SR 2012-13**	Rmtr	**300.00**	1325.00	**397500.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		200.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		50.00		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		50.00		
36	**Providing 250mm dia PVC Pipe 6kg/cm SE PRED Approved Rate**	Rmtr	**108.00**	754.47	**81482.76**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		72.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		18.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		18.00		
37	**Providing and fixing 160mm Borewell Cap P. iii, I No. 85**	Rmtr	**6.00**	100.00	**600.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		
38	**Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps PWD SR 2016-17 P. XXXXII Item No. 24 including of all taxes-12.5 HP 25 Stage**	No	**6.00**	60400.00	**362400.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		
39	**Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008**	Rmtr	**1500.00**	375.00	**562500.00**

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		1000.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		250.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		250.00		
40	**Heavy Duty Collar 50 mm dia**	No	**264.00**	130.00	**34320.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		176.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		44.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		44.00		
41	**Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 6 Sqm mm KPWD Electrical SR 2014-15**	Mtr	**3060.00**	188.70	**577422.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		2040.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		510.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		510.00		
42	**Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) (As per rate approved KUWS & DB for year 2008-09**	Nos	**6.00**	3000.00	**18000.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		
43	**Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., P No. 44 / I No. 6.6.6 KPWD Electrical SR 2014-15**	Each	**6.00**	302.00	**1812.00**

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		
44	**Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A P No. 55/ I No. 7.4.4 4 core 16 Sqmm KPWD Electrical SR 2014-15**	Mtr	**180.00**	140.40	**25272.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		120.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		30.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		30.00		
45	**Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. P No. 61 / I No. 7.8.1 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15**	Mtr	**180.00**	10.80	**1944.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		120.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		30.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		30.00		
46	**Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) P No. 61 / I. No. 7.9.3 KPWD Electrical SR 2014-15**	Mtr	**150.00**	85.00	**12750.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		100.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		25.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		25.00		
47	**Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV P. No. 62 / I No. 7.12.1 KPWD Electrical SR 2014-15 - 40mm dia GI pipe**	Mtr	**24.00**	345.00	**8280.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		16.00		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		4.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		4.00		
48	**Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No. 62 / I.No. 7.13.2 KPWD Electrical SR 2014-15 - 16Sqmm**	No	**6.00**	280.00	**1680.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		
49	**Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, (P No. 55, I No. 7.1) KPWD Electrical SR 2014-15**	No	**6.00**	2727.00	**16362.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		
50	**Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.P No. 44 / I No. 6.7.2 KPWD Electrical SR 2014-15 - 32 Amps**	No	**36.00**	180.00	**6480.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		24.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		6.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		6.00		
51	**KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13 Page No. 93 Item No. 13.55 / PWD SR 2016-17**	No	**6.00**	1615.68	**9694.08**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4.00		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		
52	**Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. P. No. 95 / I. No. 13.81.3 PWD SR 2016-7**	No	**6.00**	232.20	**1393.20**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		
53	**Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete**	No	**24.00**	80.00	**1920.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		16.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		4.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		4.00		
54	**Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per specifications**	No	**6.00**	350.00	**2100.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		
55	**Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps TPN P No. 47 / I No.6.16.5 KPWD SR 2014-15**	No	**6.00**	1547.00	**9282.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
56	**Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete P.No. 49, I. No. 6.40.2 KPWD Electrical SR 2014-15 - 16SWG**	No	**131400.00**	0.33	**43362.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		87600.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		21900.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		21900.00		
57	**Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum-control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. 12.5HP to 15 HP Star Delta Starter SERDED Rate**	No	**6.00**	11000.00	**66000.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		4.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		1.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		1.00		
58	**Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. Page No. 01/ Item No.1.2.2 / PRED SR 2012-13 Hard Soil**	Cum	**162.00**	188.00	**30456.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		108.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		27.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		27.00		

Sl. No.	Description of Item	Unit	Quantity	Rate in Rs.	Amount in Rs.
59	**Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.15 item No.3.4.2 b PRED SR 2012-13. - 75 mm dia 6 KSC PVC pipe**	Rmtr	**360.00**	157.00	**56520.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		240.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		60.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		60.00		
60	**Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs Page No. 3 / Item No. 1.6 / PRED SR 2012-13**	Cum	**162.00**	61.00	**9882.00**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		108.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		27.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		27.00		
61	**KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 P. 92 / I.13.37 PWD SR - 2016-17**	Each	**12.00**	2216.16	**26593.92**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		8.00		
d	Construction of RO Water Purifier Plant at Venugopal Swamy Temple Premises in Doddabommasandra Village in Ward No 10 Doddabommasandra, Vidyaranayapura Sub Divison.		2.00		
n	Construction of RO Water Purifier Plant at Singapura Village in Ward No 11 Kuvempunagar, Vidyaranayapura Sub Divison.		2.00		
62	**KSRB 2-2.2 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, Page No. 5 / Item No. 2.3/ PWD SR 2016-17**	Cum	**213.12**	204.12	**43502.05**
a	Construction of RO Water Purifier Plant at BEL 6th Block, Thindlu Village, HMT Layout 2nd Block and Near Vysa School in Ward No 09 Vidyaranyapura, Vidyaranyapura Sub Division		96.19		